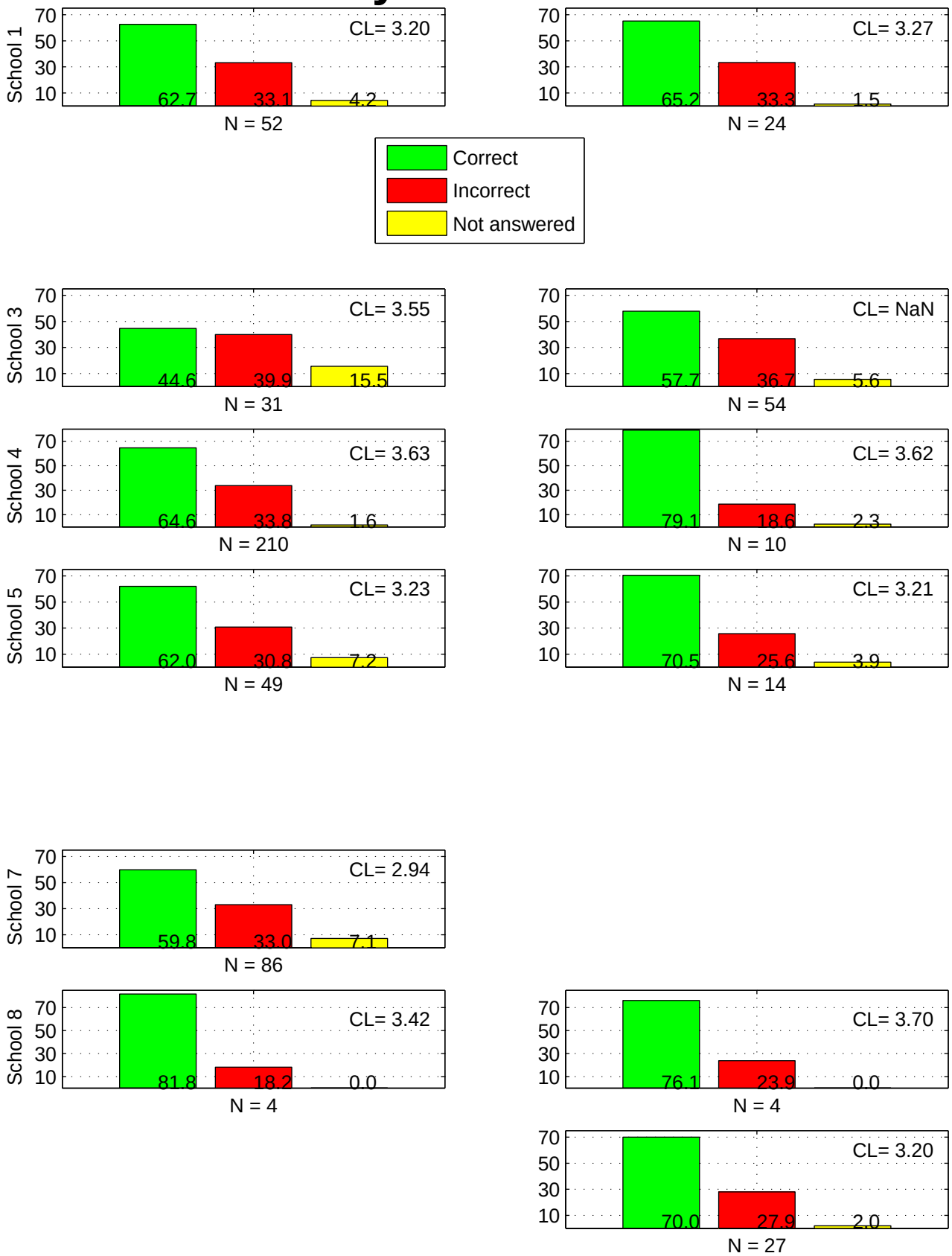Scale and Systems